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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/583200
Filing Date	May 30, 2000
First Named Inventor	Fikes, John D
Group Art Unit	
Examiner Name	
Attorney Docket Number	018623015720

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement, 22 References <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard, Copy of the International Search Report
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Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP Jean M. Lockyer, Ph.D.	Reg No. 44,879
Signature		
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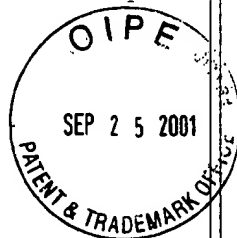
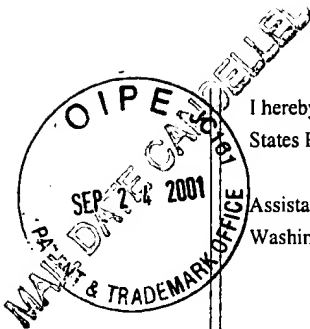
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PATENT
Attorney Docket No.: 018623-015720US
Client Reference No.: EPI 0157.20US

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On _____

TOWNSEND and TOWNSEND and CREW LLP

By: _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

John Fikes et al.

Application No.: 09/583200

Filed: May 30, 2000

For: HLA CLASS I A2 TUMOR
ASSOCIATED ANTIGEN PEPTIDES
AND VACCINE COMPOSITIONS

Examiner:

Art Unit:

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Assistant Commissioner for Patents
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Sir:

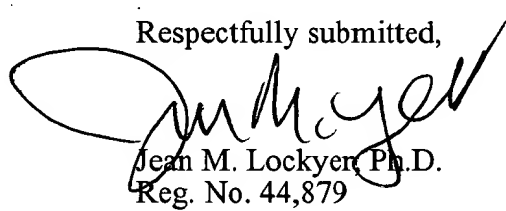
The references cited on attached form PTO-SB/08A and SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. Also enclosed is a copy of the International Search Report corresponding to the PCT application. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and

no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

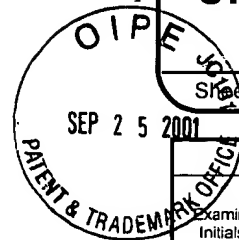
Respectfully submitted,



Jean M. Lockyer, Ph.D.
Reg. No. 44,879

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Application Number	09/583200
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First Named Inventor	Fikes, John D
Group Art Unit	
Examiner Name	
Attorney Docket Number	018623-015720US

(use as many sheets as necessary)

Sheet	1	of	3
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO,

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

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Application Number	09/583200
Filing Date	May 30, 2000
First Named Inventor	Fikes, John D
Group Art Unit	
Examiner Name	
Attorney Docket Number	018623-015720US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AE	Bender, <i>et al.</i> "Improved Methods for the Generation of Dendritic Cells from Nonproliferating Progenitors in Human Blood" <i>J. of Immunological Methods</i> (1996) Vol. 196, pp. 121-135.	<input type="checkbox"/>
	AF	Celis, <i>et al.</i> "Epitope Selection and Development of Peptides Based Vaccines to Treat Cancer" <i>Cancer Biology</i> (1995) Vol. 6, pp. 329-336.	<input type="checkbox"/>
	AG	Celis, <i>et al.</i> "Identification of Potential CTL Epitopes of Tumor-Associated Antigen Mage-1 for Five-Common HLA-A Alleles" <i>Molecular Immunology</i> (1994) Vol. 31(18), pp. 1423-1430.	<input type="checkbox"/>
	AH	Celis, <i>et al.</i> "Induction of Anti-tumor Cytotoxic T Lymphocytes in Normal Humans Using Primary Cultures and Synthetic Peptide Epitopes" <i>Proc. Natl. Acad. Sci.</i> (March 1994) Vol. 91, pp. 2105-2109.	<input type="checkbox"/>
	AI	Gaugler, <i>et al.</i> "Human Gene MAGE-3 Codes for an Antigen Recognized on a Melanoma by Autologous Cytolytic T Lymphocytes" <i>Ludwig Institute for Cancer Research, Brussels Branch</i> (March 1994) Vol. 179(3), pp. 921-930.	<input type="checkbox"/>
	AJ	Kawakami, <i>et al.</i> "Recognition of Multiple Epitopes in the Human Melanoma Antigen gp100 by Tumor-Infiltrating T Lymphocytes Associated with In Vivo Tumor Regression" <i>J. of Immunology</i> (1995) Vol. 154, pp. 3961-3968.	<input type="checkbox"/>
	AK	Kawashima, <i>et al.</i> "The Multi-epitope Approach for Immunotherapy for Cancer: Identification of Several CTL Epitopes from Various Tumor-Associated Antigens Expressed on Solid Epithelial Tumors" <i>Human Immunology</i> (1998) Vol. 59, pp. 1-14.	<input type="checkbox"/>
	AL	Nijman, <i>et al.</i> "p53, A Potential Target for Tumor-directed T Cells" <i>Immunology Letters</i> (1994) Vol. 40, pp. 171-178.	<input type="checkbox"/>
	AM	Parkhurst, <i>et al.</i> "Improved Induction of Melanoma-Reactive CTL with Peptide from the Melanoma Antigen gp100 Modified at HLA-A*0201-Binding Residues" <i>J. of Immunology</i> (1996) pp. 2540-2547.	<input type="checkbox"/>
	AN	Ras, <i>et al.</i> "Identification of Potential HLA-A *0201 Restricted CTL Epitopes Derived from the Epithelial Cell Adhesion Molecule (Ep-CAM) and the Carcinoembryonic Antigen (CEA)" <i>Human Immunology</i> (1997) Vol. 53, pp. 81-89.	<input type="checkbox"/>
	AO	Reynolds, <i>et al.</i> "HLA-Independent Heterogeneity of CD8 ⁺ T Cell Responses to MAGE-3, Melan-A/MART-1, gp100, Tyrosinase, MC1R, and TRP-2 in Vaccine-Treated Melanoma Patients" <i>J. of Immunology</i> (1998) Vol. 161, pp. 6970-6976.	<input type="checkbox"/>

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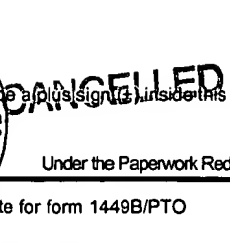

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Sheet 3 of 3

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Application Number	09/583200
Filing Date	May 30, 2000
First Named Inventor	Fikes, John D
Group Art Unit	
Examiner Name	
Attorney Docket Number	018623-015720US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AP	Rodriguez, <i>et al.</i> "Selective Transport of Internalized Antigens to the Cytosol for MHC Class I Presentation in Dendritic Cells" <i>Nature Cell Biology</i> (October 1999) Vol. 1, pp. 362-368.	<input type="checkbox"/>
	AQ	Rongcun, <i>et al.</i> "Identification of New HER2/ <i>neu</i> -Deived Peptide Epitopes That Can Elicit Specific CTL Against Autologous and Allogenic Carcinomas and Melanomas" <i>J. of Immunology</i> (1999) pp. 1037-1044.	<input type="checkbox"/>
	AR	Sette, <i>et al.</i> "HLA Supertypes and Supermotifs: A Functional Perspective on HLA Polymorphism" <i>Immunology</i> (1998) Vol. 10, pp. 478-482.	<input type="checkbox"/>
	AS	Sidney, <i>et al.</i> "Practical, Biochemical and Evolutionary Implications of the Discovery of HLA class I Supermotifs" <i>Immunology Today</i> (1996) Vol. 17(6), pp. 261-266.	<input type="checkbox"/>
	AT	Slingsluff, <i>et al.</i> "Recognition of Human Melanoma Cells by HLA-A2.1-Restricted Cytotoxic T Lymphocytes is Mediated by at least Six Shared Peptide Epitopes" <i>J. of Immunology</i> (April 1993) Vol. 150(7), pp. 2955-2963.	<input type="checkbox"/>
	AU	Tsai, <i>et al.</i> "Identification of Subdominant CTL Epitopes of the gp100 Melanoma-Associated Tumor Antigen by Primary In Vitro Immunization with Peptide-Pulsed Dendritic Cells" <i>J. of Immunology</i> (1997) Vol. 158, pp. 1796-1802.	<input type="checkbox"/>
	AV	Watts, Colin "Dendritic Cells Spill the Beans" <i>Nature Cell Biology</i> (October 1999) Vol. 1, pp. E152-E154.	<input type="checkbox"/>

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